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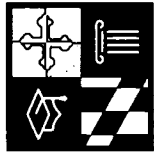
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ABSTRACT

This document presents enrollment projections for the public colleges and universities in Maryland through 2012. There are headcount projections for each higher education institution, with breakdowns by full- and part-time undergraduates, and, as applicable, full- and part-time graduate/professional students. Full-time equivalent (FTE) and full-time day equivalent (FTDE) projections were calculated, and projections were also developed for state-eligible FTE noncredit continuing education enrollments at the community colleges. Total headcount enrollment at Maryland public higher education institutions is expected to increase by 24%, or more than 59,000 students, in 2012. This is 4,000 students more than the forecast for the 2002-2011 period the previous year, and it reflects a more optimistic view of growth expected at the community colleges. Total enrollments in the next 10 years are expected to grow 18% at the community colleges and 29% at the 4-year campuses. FTE and FTDE enrollments at the community colleges are expected to increase by 19%, and FTE and FTDE figures are projected to increase by 20% and 11% respectively at the public 4-year institutions. Of the anticipated additional students by 2012, 77% will be undergraduates, but only 38% will be full-time undergraduates. (SLD)



MHEC
MARYLAND HIGHER EDUCATION COMMISSION

ENROLLMENT PROJECTIONS

2003 - 2012

MARYLAND PUBLIC COLLEGES AND UNIVERSITIES

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ENROLLMENT PROJECTIONS - MARYLAND PUBLIC COLLEGES AND UNIVERSITIES

The Maryland Higher Education Commission has prepared enrollment projections for the public colleges and universities in the state through the year 2012. There are headcount projections for each higher education institution, with breakdowns by full- and part-time undergraduates and, as applicable, full- and part-time graduate/professional students. Full-time equivalent (FTE) and full-time day equivalent (FTDE) projections were calculated by applying a mathematical formula to the headcount figures. Projections also have been developed for state-eligible FTE noncredit continuing education enrollments at the community colleges.

These projections provide perspective to higher education policy discussions at the state level, including facilities planning, tuition and fees issues, articulation, and funding priorities.

The Commission used separate, but similar, methodologies for projecting the credit enrollments at the community colleges and public four-year institutions. A third method was applied to produce the projections of noncredit continuing education enrollments at the community colleges. All three models involve the application of a linear regression analysis. The models, which were developed by the Commission staff, were extraordinarily prescient in predicting total credit headcount students at the public four-year institutions; the projections were just 65 students short of the actual enrollments or 99.95 percent. Also quite accurate were the forecasts of non-credit enrollments at the community colleges - within 128 FTEs of the actuals or 99.4 percent. The projections for credit enrollments at the community colleges were conservative (95.9 percent). The outcome at the community colleges may be due to the continued weakness in the economy which is customarily accompanied by a corresponding increase in college enrollments, especially part-time students. A description of the methodology is appended to this report.

Principal author: Michael J. Keller

Assumptions of the Projection Models

- *Credit enrollments* among Maryland residents can be predicted by applying the historical relationship between the state's population and past in-state enrollments to future population projections.
- The ratio of in-state to out-of-state students in Maryland will be relatively constant over time.
- The number of full-time undergraduates at both the community colleges and public four-year campuses will be affected by the trends in high school graduates.
- The number of full-time undergraduates at public four-year campuses will be influenced by the number of full-time students enrolling at the state's community colleges.
- Tuition increases will have an impact on full- and part-time community college enrollments.
- The number of part-time undergraduates at both the community colleges and public four-year campuses will be impacted by changes in the per capita income, in constant dollars, of Maryland residents.
- *Noncredit continuing education enrollments* at community colleges can be forecasted by applying the historical relationship between the adult population 20 years of age or older in the county or service area of each two-year institution and past noncredit enrollments at each campus to future population projections.

Students were distributed among the community colleges chiefly on the basis of the recent market share, growth rate of each institution, and the anticipated change in the college-age population in each campus' county or counties. The predicted number of students for the four-year campuses was determined largely by an examination of institution-provided projections, although the recent market share and growth rate of each campus also were factors.

Highlights of the Enrollment Projections

- Total headcount enrollment at Maryland public colleges and universities is projected to increase by 24 percent, or by more than 59,000 students, in 2012. This is 4,000 students above the forecast for the 2002-2011 period last year and reflects a more optimistic view of the growth expected at the community colleges. Total enrollments during the next 10 years are expected to grow by 18 percent (20,688) at the community colleges and by 29 percent (38,740) at the public four-year campuses.
- There will be a sharp difference between the community colleges and the public four-year institutions in the growth rates of full- and part-time undergraduates during the next 10 years. At the two-year colleges, full-time students are projected to soar by 30 percent while part-time enrollments are expected to increase by 12 percent. In contrast, at the public four-year campuses, full-time undergraduates are anticipated to rise by 15 percent while part-time undergraduate enrollments experience a 54 percent leap.
- Full-time graduate and professional enrollment is projected to increase by 9 percent by 2012, and part-time students will rise by 64 percent.
- FTE and FTDE enrollments at the community colleges are expected to increase by 19 percent. FTE and FTDE figures are projected to grow by 20 percent and 11 percent respectively at the public four-year institutions; the difference between the two statistics is due to substantial growth in FTES at UMUC and

the absence of any FTDE numbers for this institution.

- Of the anticipated additional students at Maryland public campuses by 2012, 77 percent will be undergraduates, but just 38 percent will be full-time undergraduates. This is the result of the expected strong increase of part-time undergraduates and graduate students at UMUC because of on-line enrollments.
- State-funded FTE continuing education enrollments at the community colleges are projected to rise by 36 percent to 29,994 during the 10-year period. This is above the percentage increase predicted for 2002-2011 last year – and more than 2,000 additional FTE students. The change in the projections reflects the strong gains in these enrollments in recent years, fueled by the growing popularity of continuing education courses at two-year institutions.

Projections of Headcount Enrollment at Maryland Community Colleges

	FALL 02 FY 03 Actual	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	% Change 02-12
Allegany College of Md.												
Full-time	1,881	1,972	2,006	2,100	2,160	2,204	2,261	2,251	2,297	2,353	2,362	26%
Part-time	1,360	1,394	1,413	1,402	1,424	1,445	1,466	1,488	1,513	1,534	1,558	15%
Total Headcount	3,241	3,366	3,419	3,502	3,584	3,649	3,727	3,739	3,810	3,887	3,920	21%
Anne Arundel CC												
Full-time	4,535	4,747	4,983	5,202	5,344	5,435	5,556	5,494	5,520	5,643	5,668	25%
Part-time	9,281	9,336	9,489	9,703	9,624	9,662	9,708	9,767	9,832	9,776	9,819	6%
Total Headcount	13,816	14,083	14,472	14,905	14,968	15,097	15,264	15,261	15,352	15,419	15,487	12%
Baltimore City CC												
Full-time	2,219	2,326	2,430	2,566	2,659	2,735	2,814	2,811	2,923	2,955	2,987	35%
Part-time	4,876	4,928	4,986	5,060	5,134	5,205	5,277	5,348	5,415	5,488	5,565	14%
Total Headcount	7,095	7,254	7,416	7,626	7,793	7,940	8,091	8,159	8,338	8,443	8,552	21%
Carroll CC												
Full-time	1,234	1,308	1,370	1,442	1,497	1,543	1,590	1,590	1,609	1,656	1,693	37%
Part-time	1,531	1,540	1,558	1,590	1,612	1,635	1,657	1,679	1,713	1,735	1,735	13%
Total Headcount	2,765	2,848	2,928	3,032	3,109	3,178	3,247	3,269	3,322	3,391	3,428	24%
CCBC												
Full-time	6,919	7,009	7,160	7,314	7,446	7,616	7,624	7,770	7,895	8,015	8,075	17%
Part-time	12,757	12,717	12,687	12,604	12,689	12,750	12,827	12,862	13,167	13,210	13,251	4%
Total Headcount	19,676	19,726	19,847	19,918	20,135	20,366	20,451	20,632	21,062	21,225	21,326	8%
Cecil CC												
Full-time	548	574	601	631	655	675	695	696	714	735	748	36%
Part-time	1,099	1,113	1,129	1,143	1,162	1,180	1,198	1,216	1,235	1,253	1,268	15%
Total Headcount	1,647	1,687	1,730	1,774	1,817	1,855	1,893	1,912	1,949	1,988	2,016	22%
Chesapeake												
Full-time	724	768	804	838	871	897	925	926	938	966	993	37%
Part-time	1,630	1,638	1,658	1,675	1,698	1,721	1,744	1,766	1,793	1,816	1,841	13%
Total Headcount	2,354	2,406	2,462	2,513	2,569	2,618	2,669	2,692	2,731	2,782	2,834	20%

Projections of Headcount Enrollment at Maryland Community Colleges

FALL 02 FY 03 Actual	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	% Change 02-12
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Frederick CC											
Full-time	1,582	1,684	1,762	1,837	1,906	2,019	2,018	2,088	2,145	2,146	36%
Part-time	3,047	3,129	3,164	3,229	3,289	3,409	3,468	3,520	3,580	3,637	19%
Total Headcount	4,629	4,813	4,926	5,066	5,195	5,428	5,486	5,608	5,725	5,783	25%

Garrett											
Full-time	345	350	363	379	389	404	399	405	411	412	19%
Part-time	290	291	295	298	302	310	314	318	322	328	13%
Total Headcount	635	641	658	677	691	714	713	723	733	740	17%

Hagerstown CC											
Full-time	1,140	1,191	1,247	1,310	1,361	1,447	1,448	1,489	1,532	1,563	37%
Part-time	1,712	1,719	1,741	1,766	1,792	1,844	1,869	1,900	1,925	1,949	14%
Total Headcount	2,852	2,910	2,988	3,076	3,153	3,291	3,317	3,389	3,457	3,512	23%

Harford CC											
Full-time	2,077	2,199	2,311	2,453	2,555	2,731	2,741	2,815	2,906	2,948	42%
Part-time	3,370	3,398	3,436	3,462	3,509	3,598	3,642	3,676	3,719	3,778	12%
Total Headcount	5,447	5,597	5,747	5,915	6,064	6,329	6,383	6,491	6,625	6,726	23%

Howard CC											
Full-time	2,139	2,291	2,399	2,527	2,622	2,782	2,781	2,864	2,945	2,943	38%
Part-time	4,043	4,143	4,196	4,302	4,388	4,474	4,647	4,723	4,810	4,894	21%
Total Headcount	6,182	6,434	6,595	6,829	7,010	7,174	7,428	7,587	7,755	7,837	27%

Montgomery											
Full-time	7,748	8,081	8,399	8,912	9,173	9,573	9,495	9,566	9,765	9,810	27%
Part-time	14,057	14,561	14,657	14,838	14,969	15,214	15,331	15,425	15,537	15,675	12%
Total Headcount	21,805	22,642	23,056	23,750	24,142	24,787	24,826	24,991	25,302	25,485	17%

Prince George's CC											
Full-time	3,287	3,430	3,603	3,798	3,952	4,211	4,222	4,353	4,530	4,572	39%
Part-time	9,406	9,438	9,565	9,709	9,862	10,161	10,312	10,459	10,603	10,773	15%
Total Headcount	12,693	12,868	13,168	13,507	13,814	14,372	14,534	14,812	15,133	15,345	21%

Projections of Headcount Enrollment at Maryland Community Colleges

FALL 02 FY 03 Actual	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	% Change 02-12
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SoMd											
Full-time	2,200	2,347	2,455	2,542	2,637	2,716	2,796	2,851	2,931	2,985	36%
Part-time	4,919	5,034	5,101	5,161	5,241	5,319	5,396	5,474	5,623	5,635	15%
Total Headcount	7,119	7,381	7,556	7,703	7,878	8,035	8,192	8,397	8,554	8,620	21%

Wor-Wic CC											
Full-time	854	906	960	1,027	1,079	1,125	1,173	1,231	1,280	1,313	54%
Part-time	2,120	2,160	2,212	2,273	2,333	2,392	2,452	2,512	2,629	2,689	27%
Total Headcount	2,974	3,066	3,172	3,300	3,412	3,517	3,625	3,799	3,909	4,002	35%

Total Community Colleges											
Full-time	39,432	41,183	42,853	44,878	46,306	47,500	48,601	49,558	50,768	51,218	30%
Part-time	75,498	76,539	77,287	78,215	79,028	79,915	80,821	81,695	83,560	84,395	12%
Total Headcount	114,930	117,722	120,140	123,093	125,334	127,415	129,422	130,318	134,328	135,613	18%

Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Community Colleges

	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	% Change 03-12
Allegany College of Md.											
FTES	2,308	2,346	2,431	2,495	2,543	2,604	2,601	2,653	2,713	2,729	18%
FTDES	1,599									1,891	18%
Anne Arundel CC											
FTES	8,228	8,529	8,833	8,954	9,062	9,205	9,161	9,211	9,320	9,361	14%
FTDES	5,488									6,244	14%
Baltimore City CC											
FTES	4,524	4,665	4,848	4,982	5,096	5,213	5,237	5,390	5,454	5,520	22%
FTDES	2,637									3,218	22%
Carroll CC											
FTES	1,761	1,827	1,907	1,967	2,019	2,072	2,079	2,108	2,161	2,196	25%
FTDES	1,210									1,509	25%
CCBC											
FTES	11,327	11,469	11,596	11,757	11,949	11,983	12,142	12,370	12,505	12,579	11%
FTDES	7,283									8,088	11%
Catonsville											
FTDES	3,132									3,478	11%
Dundalk											
FTDES	655									728	11%
Essex											
FTDES	3,496									3,882	11%
Cecil CC											
FTES	967	1,000	1,035	1,066	1,093	1,120	1,127	1,152	1,179	1,198	24%
FTDES	626									775	24%
Chesapeake											
FTES	1,279	1,320	1,359	1,398	1,431	1,466	1,474	1,494	1,529	1,563	22%
FTDES	678									828	22%
Frederick CC											
FTES	2,762	2,853	2,951	3,041	3,118	3,196	3,215	3,304	3,315	3,402	23%
FTDES	1,657									2,041	23%

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Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Community Colleges

	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	% Change 03-12
Garrett											
FTES	456	471	488	499	509	517	514	521	529	532	17%
FTDES	386									451	17%
Hagerstown CC											
FTES	1,840	1,906	1,980	2,043	2,096	2,150	2,160	2,214	2,158	2,308	25%
FTDES	1,257									1,576	25%
Harford CC											
FTES	3,308	3,432	3,582	3,699	3,799	3,903	3,927	4,012	4,117	4,178	26%
FTDES	2,183									2,757	26%
Howard CC											
FTES	3,709	3,836	4,001	4,126	4,233	4,345	4,373	4,483	4,594	4,620	25%
FTDES	2,385									2,971	25%
Montgomery											
FTES	14,138	14,520	15,147	15,480	15,740	16,006	15,964	16,075	16,334	16,433	16%
FTDES	9,656									11,224	16%
Rockville											
FTDES	5,794									6,521	13%
Takoma Park											
FTDES	2,124									2,671	26%
Germanatown											
FTDES	1,738									2,032	17%
Prince George's CC											
FTES	7,122	7,355	7,618	7,840	8,033	8,229	8,295	8,490	8,734	8,841	24%
FTDES	4,914									6,100	24%

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Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Community Colleges

	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	% Change 03-12
Southern Maryland											
FTES	4,025	4,155	4,262	4,384	4,489	4,595	4,619	4,700	4,805	4,863	21%
FTDES	2,242									2,709	21%
La Plata											
FTDES	1,615									1,951	21%
Leonardtown											
FTDES	336									406	21%
Prince Frederick											
FTDES	291									352	21%
Wor. Wic. CC											
FTES	1,810	1,889	1,986	2,066	2,140	2,215	2,253	2,323	2,400	2,459	36%
FTDES	1,146									1,557	36%
Total Community Colleges											
FTES	69,564	71,573	74,024	75,797	77,350	78,819	79,141	80,500	81,847	82,782	19%
FTDES	45,347									53,939	19%

**PROJECTED STATE FUNDED NONCREDIT FULL-TIME EQUIVALENT TRENDS
MARYLAND COMMUNITY COLLEGES
FISCAL YEARS 2003 - 2012**

College	FY02 actual	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Percent Change FY02- FY12
Allegany	455	424	448	474	498	522	548	574	600	626	652	43%
Anne Arundel	3,760	3,822	3,972	4,123	4,273	4,382	4,492	4,601	4,710	4,819	4,930	31%
Baltimore City	2,199	2,516	2,585	2,654	2,724	2,728	2,732	2,737	2,741	2,745	2,750	25%
Baltimore County	5,541	5,607	5,680	5,760	5,846	5,940	6,041	6,100	6,149	6,205	6,250	13%
Carroll	501	548	596	636	676	730	784	838	892	946	988	97%
Cecil	391	396	401	406	411	416	421	426	431	436	441	13%
Chesapeake	689	728	769	813	859	908	960	1,015	1,073	1,134	1,190	73%
Frederick	276	298	322	348	376	406	438	473	511	552	596	116%
Garrett	155	157	159	161	163	164	165	166	167	168	169	9%
Hagerstown	691	705	754	804	853	915	977	1,039	1,101	1,163	1,225	77%
Harford	1,033	1,049	1,064	1,079	1,094	1,111	1,128	1,145	1,162	1,179	1,193	15%
Howard	1,148	1,166	1,218	1,269	1,320	1,360	1,399	1,439	1,479	1,519	1,544	35%
Montgomery	1,362	1,547	1,732	1,918	2,103	2,280	2,457	2,635	2,812	2,989	3,142	131%
Prince George's	2,650	2,687	2,742	2,797	2,851	2,908	2,965	3,022	3,079	3,136	3,212	21%
Southern Maryland	628	656	686	717	748	780	812	844	876	908	944	50%
Wor-Wic	621	643	671	683	695	707	719	732	744	756	768	24%
SYSTEMWIDE	22,100	22,949	23,799	24,642	25,490	26,257	27,038	27,786	28,527	29,281	29,994	36%

Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

Bowie													
Undergraduate		FALL 02 FY 03 Actual	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	% Change 02-12
	Full-time	2,815	2,969	3,448	3,748	3,953	3,955	3,955	3,955	3,955	3,955	3,955	40%
	Part-time	858	886	918	931	954	977	1,000	1,023	1,046	1,069	1,092	27%
Total Undergraduate		3,673	3,855	4,366	4,679	4,907	4,932	4,955	4,978	5,001	5,024	5,047	37%
Graduate													
	Full-time	309	329	332	366	394	412	427	433	439	444	450	46%
	Part-time	1,275	1,360	1,351	1,383	1,424	1,445	1,471	1,476	1,487	1,496	1,511	19%
Total Graduate		1,584	1,689	1,683	1,749	1,818	1,857	1,898	1,909	1,926	1,940	1,961	24%
Total Headcount		5,257	5,544	6,049	6,428	6,725	6,789	6,853	6,887	6,927	6,964	7,008	33%
Coppin													
Undergraduate													
	Full-time	2,418	2,466	2,516	2,566	2,617	2,670	2,750	2,832	2,917	3,005	3,095	28%
	Part-time	855	821	843	861	879	897	915	933	951	969	987	15%
Total Undergraduate		3,273	3,287	3,359	3,427	3,496	3,567	3,665	3,765	3,868	3,974	4,082	25%
Graduate													
	Full-time	34	35	35	36	37	38	39	40	41	43	44	29%
	Part-time	575	665	686	707	728	750	765	779	795	810	826	44%
Total Graduate		609	700	721	743	765	788	804	819	836	853	870	43%
Total Headcount		3,882	3,987	4,080	4,170	4,261	4,355	4,469	4,584	4,704	4,827	4,952	28%
Frostburg													
Undergraduate													
	Full-time	4,223	4,252	4,316	4,491	4,563	4,686	4,814	4,727	4,810	4,867	4,943	17%
	Part-time	321	324	327	331	335	338	342	345	349	352	355	11%
Total Undergraduate		4,544	4,576	4,643	4,822	4,898	5,024	5,156	5,072	5,159	5,219	5,298	17%
Graduate													
	Full-time	212	214	216	218	220	222	224	226	228	230	232	9%
	Part-time	701	708	715	722	729	736	744	752	760	768	776	11%
Total Graduate		913	922	931	940	949	958	968	978	988	998	1,008	10%
Total Headcount		5,457	5,498	5,574	5,762	5,847	5,982	6,124	6,050	6,147	6,217	6,306	16%

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Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

FALL 02 FY 03 Actual	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	% Change 02-12
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Salisbury											
Undergraduate											
Full-time	5,439	5,595	5,722	5,800	5,850	5,975	6,175	6,377	6,585	6,704	26%
Part-time	767	750	745	745	745	745	745	745	745	745	-3%
Total Undergraduate	6,206	6,345	6,467	6,545	6,595	6,720	6,920	7,122	7,330	7,449	22%
Graduate											
Full-time	154	158	162	165	167	165	160	160	160	160	4%
Part-time	491	505	530	560	595	635	670	705	740	775	65%
Total Graduate	645	663	692	725	762	800	830	865	900	935	50%
Total Headcount	6,851	7,008	7,159	7,270	7,357	7,520	7,750	7,987	8,230	8,384	25%

Towson											
Undergraduate											
Full-time	12,275	12,275	12,275	12,275	12,300	12,375	12,525	12,800	13,200	13,750	13%
Part-time	2,021	2,019	1,993	1,954	2,000	2,090	2,215	2,372	2,555	2,668	36%
Total Undergraduate	14,296	14,294	14,268	14,229	14,300	14,465	14,740	15,172	15,755	16,418	16%
Graduate											
Full-time	762	763	772	778	781	784	786	788	789	790	4%
Part-time	2,423	2,471	2,522	2,596	2,678	2,762	2,847	2,933	3,021	3,111	32%
Total Graduate	3,185	3,234	3,294	3,374	3,459	3,546	3,633	3,721	3,810	3,900	25%
Total Headcount	17,481	17,528	17,562	17,603	17,759	18,011	18,373	18,893	19,565	20,318	18%

University of Baltimore											
Undergraduate											
Full-time	938	941	957	997	1,015	1,044	1,074	1,056	1,076	1,091	17%
Part-time	1,070	1,135	1,180	1,195	1,198	1,200	1,200	1,200	1,205	1,209	14%
Total Undergraduate	2,008	2,076	2,137	2,192	2,213	2,244	2,274	2,256	2,281	2,300	16%
Graduate											
Full-time	1,520	1,550	1,579	1,684	1,738	1,749	1,763	1,786	1,790	1,795	18%
Part-time	1,264	1,285	1,396	1,410	1,410	1,421	1,452	1,455	1,467	1,485	18%
Total Graduate	2,784	2,835	2,975	3,094	3,148	3,170	3,215	3,241	3,257	3,280	18%
Total Headcount	4,792	4,911	5,112	5,286	5,361	5,414	5,489	5,497	5,538	5,580	17%

Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

FALL 02 FY 03 Actual	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	% Change 02-12
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UNMB

Undergraduate

Full-time	599	549	558	560	562	564	569	574	574	574	-4%
Part-time	327	298	297	294	292	290	292	294	294	294	-10%
Total Undergraduate	926	847	855	854	854	854	861	868	868	868	-6%

Graduate

Full-time	3,596	3,599	3,643	3,671	3,687	3,712	3,706	3,817	3,875	3,928	9%
Part-time	948	952	926	858	822	831	837	840	851	856	-10%
Total Graduate	4,544	4,551	4,569	4,529	4,509	4,543	4,543	4,665	4,726	4,784	5%
Total Headcount	5,470	5,398	5,424	5,383	5,363	5,397	5,404	5,533	5,594	5,652	3%

UNBC

Undergraduate

Full-time	7,793	7,822	7,803	7,801	7,799	7,800	7,800	7,799	7,801	7,801	0%
Part-time	1,756	1,763	1,758	1,758	1,757	1,758	1,758	1,757	1,758	1,758	0%
Total Undergraduate	9,549	9,585	9,561	9,559	9,556	9,558	9,558	9,556	9,559	9,559	0%

Graduate

Full-time	986	996	1,006	1,016	1,026	1,036	1,047	1,057	1,078	1,089	10%
Part-time	1,176	1,222	1,262	1,301	1,330	1,362	1,384	1,407	1,453	1,477	26%
Total Graduate	2,162	2,218	2,268	2,317	2,356	2,398	2,431	2,464	2,531	2,566	19%
Total Headcount	11,711	11,803	11,829	11,876	11,912	11,956	11,989	12,022	12,090	12,125	4%

UMCP

Undergraduate

Full-time	22,763	23,005	23,145	23,243	23,391	23,585	23,807	24,042	24,284	24,773	9%
Part-time	2,477	2,503	2,519	2,529	2,545	2,566	2,591	2,616	2,642	2,696	9%
Total Undergraduate	25,240	25,508	25,664	25,772	25,936	26,151	26,398	26,658	26,926	27,469	9%

Graduate

Full-time	6,348	6,325	6,363	6,405	6,424	6,444	6,446	6,452	6,460	6,474	2%
Part-time	3,213	3,201	3,221	3,242	3,252	3,263	3,264	3,267	3,271	3,278	2%
Total Graduate	9,561	9,526	9,584	9,647	9,676	9,707	9,710	9,719	9,731	9,752	2%
Total Headcount	34,801	35,034	35,248	35,419	35,612	35,858	36,108	36,377	36,657	37,221	7%

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Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

FALL 02 FY 03 Actual	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	% Change 02-12
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UMES

Undergraduate		Full-time	2,895	3,014	3,068	3,119	3,170	3,221	3,272	3,323	3,374	3,725	3,476	20%
		Part-time	362	380	395	411	427	444	462	480	499	519	540	49%
Total Undergraduate			3,257	3,394	3,463	3,530	3,597	3,665	3,734	3,803	3,873	4,244	4,016	23%
Graduate		Full-time	194	201	209	218	227	236	245	255	265	276	286	47%
		Part-time	193	195	203	211	219	228	237	246	256	267	278	44%
Total Graduate			387	396	412	429	446	464	482	501	521	543	564	46%
Total Headcount			3,644	3,790	3,875	3,959	4,043	4,129	4,216	4,304	4,394	4,787	4,580	26%

UMUC

Undergraduate		Full-time	2,393	2,121	2,260	2,419	2,564	2,718	2,881	3,025	3,176	3,335	3,501	46%
		Part-time	14,597	16,291	17,361	18,577	19,691	20,873	22,125	23,231	24,393	25,612	26,893	84%
Total Undergraduate			16,990	18,412	19,621	20,996	22,255	23,591	25,006	26,256	27,569	28,947	30,394	79%
Graduate		Full-time	214	340	340	340	340	380	380	380	380	380	380	78%
		Part-time	6,826	7,710	8,059	9,005	9,910	10,874	11,989	13,001	14,104	15,307	16,472	141%
Total Graduate			7,040	8,050	8,399	9,345	10,250	11,254	12,369	13,381	14,484	15,687	16,852	139%
Total Headcount			24,030	26,462	28,020	30,341	32,505	34,845	37,375	39,637	42,053	44,634	47,246	97%

TOTAL SYSTEM OF MD.

Undergraduate		Full-time	64,551	65,009	66,068	67,019	67,784	68,593	69,622	70,506	71,750	73,335	73,913	15%
		Part-time	25,411	27,170	28,336	29,586	30,823	32,178	33,645	34,995	36,436	37,864	39,334	55%
Total Undergraduate			89,962	92,179	94,404	96,605	98,607	100,771	103,267	105,501	108,186	111,199	113,247	26%
Graduate		Full-time	14,329	14,510	14,657	14,897	15,041	15,178	15,223	15,341	15,438	15,537	15,633	9%
		Part-time	19,085	20,274	20,871	21,995	23,097	24,307	25,660	26,861	28,179	29,597	30,983	62%
Total Graduate			33,414	34,784	35,528	36,892	38,138	39,485	40,883	42,202	43,617	45,134	46,616	40%
Total Headcount			123,376	126,963	129,932	133,497	136,745	140,256	144,150	147,703	151,803	156,333	159,863	30%

Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

Morgan State		FALL 02 FY 03 Actual	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	% Change 02-12
Undergraduate													
Total Undergraduate	Full-time	5,313	5,710	5,846	6,091	6,180	6,303	6,357	6,485	6,613	6,670	6,677	26%
	Part-time	724	816	850	872	894	916	938	950	972	993	1,015	40%
Graduate													
Total Graduate	Full-time	299	325	337	318	329	310	322	303	296	307	313	5%
	Part-time	329	412	441	483	570	607	698	737	765	866	883	168%
Total Headcount		6,665	7,263	7,474	7,764	7,973	8,136	8,315	8,475	8,646	8,836	8,888	33%
St. Mary's College													
Undergraduate													
Total Undergraduate	Full-time	1,648	1,675	1,679	1,677	1,672	1,672	1,673	1,675	1,675	1,675	1,675	2%
	Part-time	175	178	178	178	178	178	178	178	178	178	178	2%
Graduate													
Total Graduate	Full-time	0	0	0	0	0	0	0	0	0	0	0	0%
	Part-time	0	0	0	0	0	0	0	0	0	0	0	0%
Total Headcount		1,823	1,853	1,857	1,855	1,850	1,850	1,851	1,853	1,853	1,853	1,853	2%
TOTAL 4-YEAR PUBLIC													
Undergraduate													
Total Undergraduate	Full-time	71,512	72,394	73,593	74,787	75,636	76,568	77,652	78,666	80,038	81,680	82,265	15%
	Part-time	26,310	28,164	29,364	30,636	31,895	33,272	34,761	36,123	37,586	39,035	40,527	54%
Graduate													
Total Graduate	Full-time	14,628	14,835	14,994	15,215	15,370	15,488	15,545	15,644	15,734	15,844	15,946	9%
	Part-time	19,414	20,686	21,312	22,478	23,667	24,914	26,358	27,598	28,944	30,463	31,866	64%
Total Headcount		131,864	136,079	139,263	143,116	146,568	150,242	154,316	158,031	162,302	167,022	170,604	29%

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Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Public Four-Year Institutions

	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	% Change 03-12
Bowie											
FTES	4,059	4,550	4,900	5,155	5,190	5,221	5,237	5,254	5,270	5,288	30%
FTDES	2,366									3,083	30%

Coppin											
FTES	3,035	3,100	3,165	3,231	3,299	3,393	3,487	3,586	3,688	3,792	25%
FTDES	2,012									2,514	25%

Frostburg											
FTES	4,488	4,552	4,721	4,793	4,913	5,038	4,962	5,045	5,104	5,180	15%
FTDES	3,860									4,455	15%

Salisbury											
FTES	6,048	6,183	6,272	6,334	6,468	6,671	6,880	7,095	7,223	7,373	22%
FTDES	4,838									5,898	22%

Towson											
FTES	13,808	13,824	13,841	13,908	14,038	14,248	14,589	15,055	15,642	15,793	14%
FTDES	10,908									12,476	14%

University of Baltimore											
FTES	3,341	3,439	3,595	3,669	3,714	3,769	3,775	3,806	3,833	3,856	15%
FTDES	1,737									2,005	15%

Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Public Four-Year Institutions

	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	% Change 03-12
	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	
UMB											
FTES	5,354	5,406	5,413	5,420	5,454	5,456	5,525	5,597	5,666	5,730	7%
FTDES	3,785									4,051	7%
UMBC											
FTES	9,254	9,256	9,276	9,292	9,313	9,330	9,347	9,364	9,382	9,400	2%
FTDES	7,709									7,830	2%
UMCP											
FTES	28,733	28,908	29,046	29,208	29,414	29,628	29,859	30,098	30,338	30,579	6%
FTDES	26,923									28,653	6%
UMES											
FTES	3,645	3,720	3,792	3,865	3,939	4,013	4,087	4,163	4,561	4,317	18%
FTDES	3,255									3,855	18%
UMUC											
FTES	13,255	14,030	15,144	16,181	17,333	18,539	19,616	20,764	21,988	23,232	75%
FTDES	n/a									n/a	n/a
TOTAL SYSTEM OF MD.											
FTES	95,020	96,968	99,165	101,056	103,075	105,306	107,364	109,827	112,695	114,540	21%
FTDES (except UMUC)	67,393									74,820	11%

Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Public Four-Year Institutions

	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	% Change 03-12
Morgan State											
FTES	6,618	6,792	7,046	7,186	7,313	7,419	7,549	7,690	7,802	7,828	18%
FTDES	5,493									6,497	18%
St. Mary's College											
FTES	1,868	1,872	1,870	1,865	1,865	1,866	1,868	1,868	1,868	1,868	0%
FTDES	1,657									1,657	0%
TOTAL 4-YEAR PUBLIC											
FTES	103,506	105,632	108,081	110,107	112,253	114,591	116,781	119,385	122,365	124,236	20%
FTDES (except UMUC)	74,543									82,974	11%

MARYLAND HIGHER EDUCATION COMMISSION

Enrollment Projection Model - Community Colleges

These are the assumptions and steps used in projecting the headcount enrollments at Maryland's public community colleges.

ASSUMPTIONS

1. Enrollments of Maryland residents can be forecast by matching the historical relationship between the state's population and past in-state enrollments, then incorporating population projections for the state.
2. The ratio of in-state to out-of-state students in Maryland will remain relatively constant.
3. Tuition increases will have an impact on full- and part-time community college enrollments.
4. The number of full-time students will be affected by trends in high school graduates.
5. The number of part-time students will be impacted by changes in the per capita income, calculated in constant dollars, of Maryland residents.

STEPS

1. Total enrollment at Maryland's community colleges during the past five years were categorized by gender, age (11 groupings), and enrollment status (full- and part-time). Students whose age was unknown were distributed in the other age categories on a proportional basis.
2. The percentage of students who were Maryland residents was determined for each gender and enrollment group.
3. The state's population during the five-year period was categorized by gender and the same age groupings. The actual and projected population figures were obtained from the Maryland Office of Planning.

4. A least-squares fit regression analysis was used to examine the relationship between the in-state enrollment (dependent variable) and the state's population (independent variable). This relationship was then applied to the population projections through the year 2012 to determine the projected enrollments of Maryland residents.
5. Out-of-state enrollments were projected to be consistent with the ratio of in-state to out-of-state students in the last year in which actual enrollment figures were available. Separate ratios were used for each of the gender and enrollment categories.
6. The annual percentage change over five years in the resident tuition and fees at Maryland community colleges, with a two-year lag time, was integrated inversely into the regression model as an independent variable for predicting the number of full-time students.
7. The annual percentage change over five years in the credit hour tuition and fees of residents in community college service areas, with a two-year lag time, was integrated inversely into the regression model as an independent variable for predicting the number of part-time students.
8. The annual projected change in the number of Maryland high school graduates through spring 2012 was integrated into the regression model as an independent variable for predicting the number of full-time students. Projections for Maryland high school graduates were obtained from the Western Interstate Commission for Higher Education.
9. The annual percentage change in the per capita income, in constant dollars, of Maryland residents over five years, with a two-year time lag, was integrated into the regression model as an independent variable for predicting the number of part-time students. The income information was obtained from the Bureau of Economic Analysis.
10. The projected number of full-time equivalent students (FTES) at each community college was calculated from the headcount enrollments. This conversion was made by: 1) computing headcount-driven FTES figures for each college for each year (the total number of full-time students plus one-third of the part-time), and 2) multiplying these figures by the average ratio of headcount- to credit hour-driven FTES over the past three years. A separate ratio was obtained for each college, and these ratios were applied to each year through 2012 (FY 2013).
11. The projected number of full-time day equivalent students (FTDES) at each community college was calculated by multiplying the FTES enrollments for each campus by the average ratio of credit hour-driven FTES to FTDES over the past three years. A separate ratio was obtained for each campus, and these ratios were applied to each year through 2012.

MARYLAND HIGHER EDUCATION COMMISSION
Enrollment Projection Model - Four Year Colleges and Universities

These are the assumptions and steps used in projecting the headcount enrollments at Maryland's public four-year colleges and universities.

ASSUMPTIONS

1. Enrollments of Maryland residents can be forecast by matching the historical relationship between the state's population and past in-state enrollments, then incorporating population projections for the state.
2. The ratio of in-state to out-of-state students in Maryland will remain relatively constant.
3. The number of full-time undergraduates will be affected by trends in high school graduates and the number of full-time students enrolling at the state's community colleges.
4. The number of part-time undergraduates will be impacted by changes in the per capita income, calculated in constant dollars, of Maryland residents.

STEPS

1. Total enrollment at Maryland's public four-year campuses during the past five years were categorized by gender, age (11 groupings), and enrollment status (full- and part-time, undergraduate and graduate/professional). Students whose age was unknown were distributed in the other age categories on a proportional basis.
2. The percentage of students who were Maryland residents was determined for each gender and enrollment group.
3. The state's population during the five-year period was categorized by gender and the same age groupings. The actual and projected population figures were obtained from the Maryland Office of Planning.

4. A least-squares fit regression analysis was used to examine the relationship between the in-state enrollment (dependent variable) and the state's population (independent variable). This relationship was then applied to the population projections through the year 2012 to determine the projected enrollments of Maryland residents.
5. Out-of-state enrollments were projected to be consistent with the ratio of in-state to out-of-state students in the last year in which actual enrollment figures were available. Separate ratios were used for each of the gender and enrollment categories.
6. The annual percentage change in the number of Maryland full-time community college students over five years, with a two-year time lag, was integrated into the regression model as an independent variable for predicting the number of full-time undergraduates.
7. The annual projected change in the number of Maryland high school graduates through spring 2012 was integrated into the regression model as an independent variable for predicting the number of full-time undergraduates. Projections for Maryland high school graduates were obtained from the Western Interstate Commission for Higher Education.
8. The annual percentage change in the per capita income, in constant dollars, of Maryland residents over five years, with a two-year time lag, was integrated into the regression model as an independent variable for predicting the number of part-time undergraduates. The income information was obtained from the Bureau of Economic Analysis.
9. The projected number of full-time equivalent students (FTES) at each public four-year institution was calculated from the headcount enrollments. This conversion was made by: 1) computing headcount-driven FTES figures for each campus for each year (the total number of full-time students plus one-third of the part-time), and 2) multiplying these figures by the average ratio of headcount- to credit hour-driven FTES over the past three years. A separate ratio was obtained for each college, and these ratios were applied to each year through 2012 (FY 2013).
10. The projected number of full-time day equivalent students (FTDES) at each public four-year institution was calculated by multiplying the FTES enrollment for each campus by the average ratio of credit hour-driven FTES to FTDES over the past three years. A separate ratio was obtained for each campus, and these ratios were applied to each year through 2012. A figure equaling 50 percent of the projected headcount enrollment at the University of Maryland School of Medicine was added to the FTDES of University of Maryland, Baltimore (UMB) in each year. The standard formula understates the FTDES at UMB since The School of Medicine does not operate on a credit hour basis.

MARYLAND HIGHER EDUCATION COMMISSION

Noncredit Continuing Education Enrollment Projection Model – Community Colleges

These are the assumptions and steps used in projecting the state-eligible full-time equivalent (FTE) noncredit continuing education enrollments at Maryland community colleges.

ASSUMPTIONS

1. The adult population 20 years of age or older in a community college's county or service area is a key predictor of noncredit continuing education enrollments.
2. Continuing education enrollments can be forecast by matching the historical relationship between state-funded FTE enrollments at each college and the adult population in the above age group in each college's respective county or service area to the population projections in each location.

STEPS

1. Total FTE noncredit continuing education enrollments at Maryland community colleges that are eligible for state funding were assembled for the past five years. The figures in FY 2001 were categorized by gender and age (11 groupings). These breakdowns were provided by Maryland community colleges beginning in FY 2001. Gender and age distributions were prepared for the previous years based on the proportions in the FY 2001 data.
2. The number of residents in each Maryland county for the past five years was categorized by gender and the same age groupings. The actual population figures were obtained from the Maryland Office of Planning.
3. A least-squares fit regression analysis was used to examine the relationship between the noncredit enrollment (dependent variable) and the population (independent variable). A separate regression analysis was performed for each college, using its own enrollment figures and the population in its county or service area.

4. Each of the 16 statistical relationships was then applied to the population projections for the appropriate county or service area through FY 2012 to determine the projected noncredit FTE continuing education enrollments for the individual community colleges. The projected population figures were obtained from the Maryland Office of Planning.



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